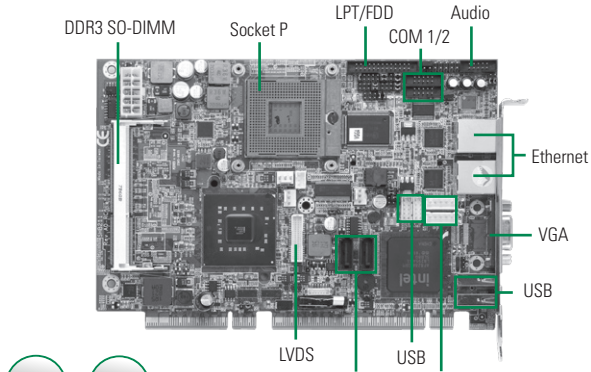
SHB211

Socket P Intel® Core™2 Duo PICMG 1.3 Half-size CPU Card with Intel® GM45 + ICH9M/ICH9M-E Chipset, VGA/LVDS, Dual LANs and Audio



Features

- Socket P for Intel® Core™2 Duo/ Celeron® M processors with 800/1066 MHz
- Intel® GM45 + ICH9M chipset (optional ICH9M-E)
- 2 DDR3 SODIMM support up to 8 GB
- With Intel® Gen 5 high performance integrated graphics controller for VGA and LVDS
- RAID 0, 1 (optional with ICH9M-E)

System

CPU	Socket P for Intel® Core™2 Duo/ Celeron® M processors with FSB 800/1066 MHz
System Memory	2 x 204-pin SO-DIMM support DDR3-800/1066 max. up to 8 GB
Chipset	Intel® GM45 + ICH9M/ICH9M-E
BIOS	AMI
SSD	1 x CompactFlash™ type-II
Watchdog Timer	255 levels, 1~255 sec.
Expansion Interface	1 x PCIe x16 graphics port supports for SDVO or PCIe x1 devices 4 x PCIe lanes support 1 x PCIe x4 or 4 x PCIe x1 I/O devices
Battery	Lithium 3V/220 mAH
Power Requirements	Intel® T9400 @2.53 GHz, 1G DDR3 +5V_SBY @ 25mA, +3.3V @ 987mA, +5V @ 22mA, +12V @ 2.148A, -12V @ 22mA
Size	185 x 126 mm
Board Thickness	1.6 mm
Temperature	0° ~ +60°C (32°F ~ 140°F), operation
Relative Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x FDD/LPT(default); with SPP/EPP/ECP supported 1 x PS/2 keyboard 1 x PS/2 mouse 1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1)
SATA	2 x SATA-300
Hardware Monitoring	Detect CPU/system temperature, voltage and support Smart Fan control
Ethernet	2 ports as 10/100/1000Mbps support Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8111B
Audio	HD Codec audio as MIC-in/Line-in/Line-out/speaker-out with Realtek ALC662
USB	6 x USB 2.0
SMBus	System Management Bus for advanced monitoring/control

Display

Chipset	Intel® GMA 4500HD graphics core
Memory Size	Intel® DVMT 5.0 compliant
Display Interface	1 x VGA 1 x LVDS; 18/24-bit single/dual channel

Packing List

Standard

Quick installation guide, user's manual/utility CD, cable

Cable

Part Number	Description	Qty
593826A0000E	SATA signal cable 500mm	1
59384500000E	COM + Print cable w/ bracket	1

Ordering Information

Standard

SHB211VGGA (P/N: E38C211100)	Socket P PICMG 1.3 half-size CPU card with VGA/LVDS, 2 10/100/1000Mbps Ethernet and audio

Optional

5078B850200E	CPU heatsink with fan
593836A0030E	4-pin power cable to SATA x 2, L=150mm
59382631000E	2 x USB 2.0 wafer cable with bracket, L=180mm
59383600000E	Audio cable with bracket

* All specifications and photos are subject to change without notice.